



The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

04/07/2011

Abigail Holland
Assistant District Attorney, Suffolk County

Dear ADA Holland,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan & Stacey Desjardins.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Stacey Desjardins was the custodial chemist and performed the preliminary testing and net weight for this sample. Annie Dookhan was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Khan (Dookhan)
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631
Annie.Khan@state.ma.us

DRUG RECEIPT

CC #

BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer

ID#

DEFENDANT'S NAME

ADDRESS

CITY

STATE

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHTLAB USE ONLY
ANALYSIS
NUMBER

White rock (crack cocaine)

2 p/b's

1.86g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date

ECU Control #

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Stacey Lyn Desjardins

stacey.feiden@state.ma.us

EDUCATION

Master of Science—Forensic Science
University of New Haven; West Haven, Connecticut
May 2006

- Concentration: Criminalistics
- Certificate: Advanced Investigation

Bachelor of Arts—Chemistry
Monmouth College; Monmouth, Illinois
May 2004

- Graduated Cum Laude

EXPERIENCE

Chemist I

Massachusetts Department of Public Health; Jamaica Plain, Massachusetts
March 2009-present

- Analyze unknown substances submitted by Massachusetts Law Enforcement Agencies
- Operate, maintain, and interpret data from analytical equipment (Gas Chromatograph, analytical balance, microscope, Ultraviolet Spectrometer, Infrared Spectrometer)
- Provide expert testimony to local, state, and federal courts in Massachusetts

Teaching/Graduate Assistant

Monmouth College Chemistry Department
University of New Haven Forensic Science Department
January 2001-May 2006

- Supervised labs and answered student questions
- Performed demonstrations using forensic techniques and chemicals

Additional work experience and references available upon request

TRAINING

2009: Multijurisdictional Counterdrug Task Force Training on Current Drug Trends

2009: Six week training with Senior Staff at the Massachusetts Department of Public Health Drug Analysis Laboratory—appointed Assistant Analyst

2005: Internship with the New Hampshire State Crime Lab

COURSEWORK

Biomedical Methods of Forensic Science, Criminal Procedure, Forensic Microscopy, Advanced Criminalistics I and II, Forensic Toxicology, Advanced Investigation I and II, Physical Analysis in Forensic Science, Organic Chemistry I and II, General Chemistry, Analytical Chemistry I and II, Physical Chemistry I, II, and III, Biochemistry, Advanced Inorganic Chemistry

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. Roseanne Atkins-Tyler
Def: [REDACTED]

Date Analyzed:

4-22-10

Amount:

Subst: SUB

No. Cont: 2 Cont: pb

Date Rec'd: 04/07/2010

No. Analyzed: 1

Gross Wt.: 1.86g

Net Weight: 0.11g

Tests: 6 SLF

• 2 DJR

Ⓚ Prelim: cocaine

Findings: Cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE #

AGENCY Boston

ANALYST SLF

No. of samples tested: 1

Evidence Wt. ✓

PHYSICAL DESCRIPTION:

- signed & sealed
- off white chunky substance
in 2 pbs

Gross Wt (2): 0.5158g

Gross Wt (1): 0.2568g

Pkg. Wt: 0.1400g

Net Wt: 0.1168g

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () H+ ⊕

Marquis ⊖

Froehde's ⊖

Mecke's ⊖

Microcrystalline Tests

Gold
Chloride ⊕

TLTA () H+ ⊕

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 4-16-10

(K)

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS
OPERATOR DJR

DATE 4-22-10

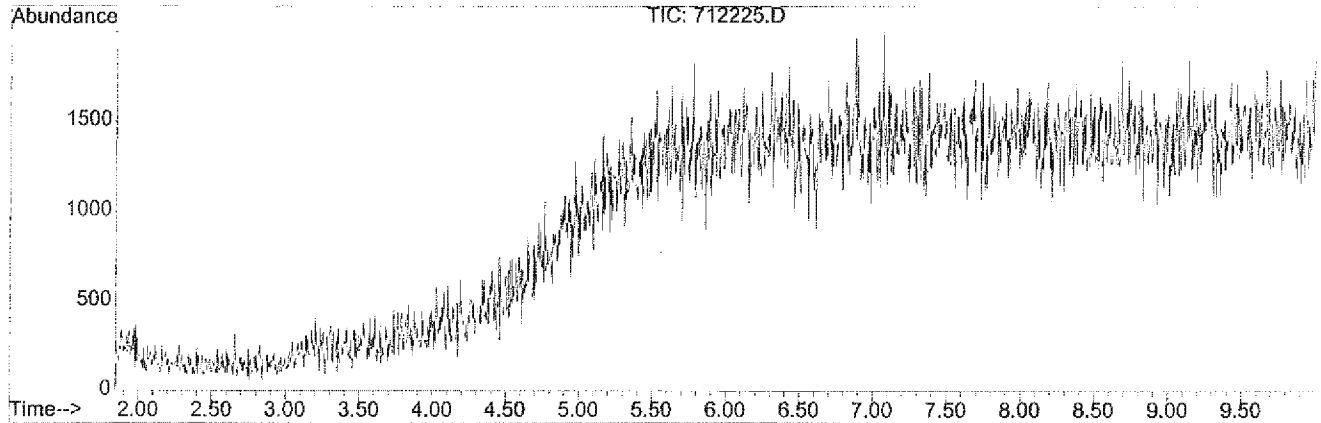
Revised 7/2005

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\04_21_10\712225.D
Operator : DJR
Date Acquired : 21 Apr 2010 14:14
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE

✓ ASD
4-7-11



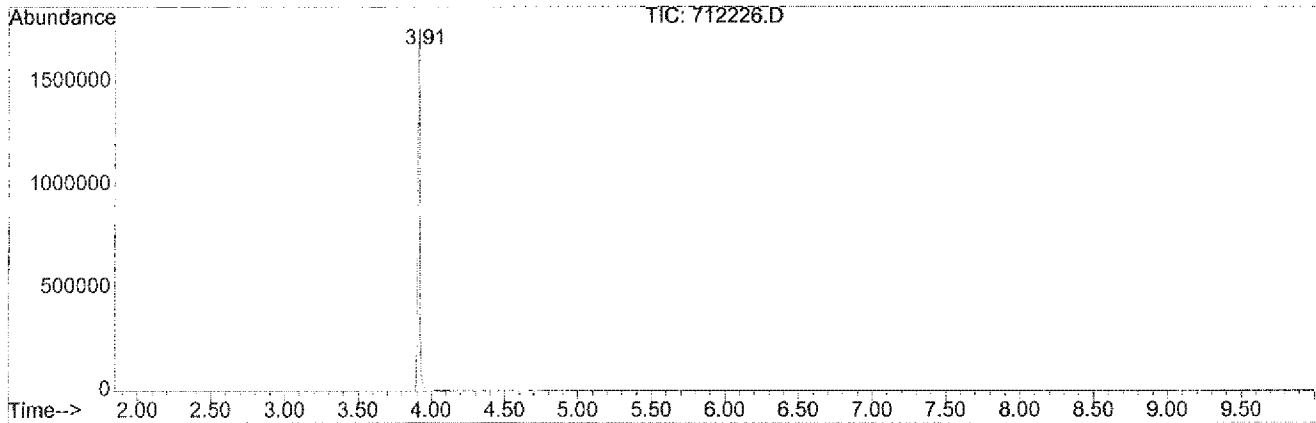
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\04_21_10\712226.D
Operator : DJR
Date Acquired : 21 Apr 2010 14:28
Sample Name : COCAINE STD
Submitted by :
Vial Number : 26
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.913	1757015	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

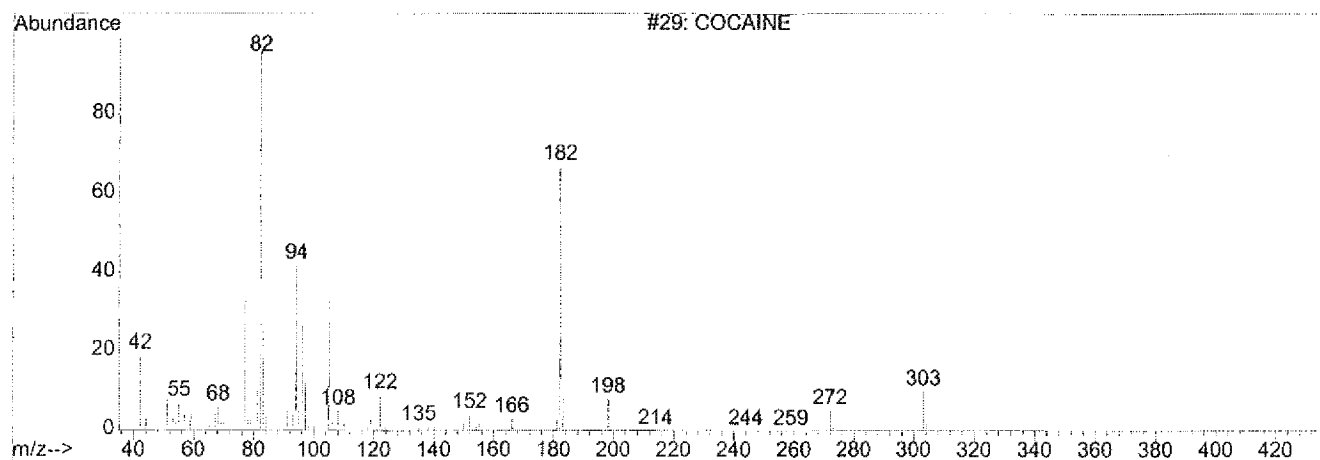
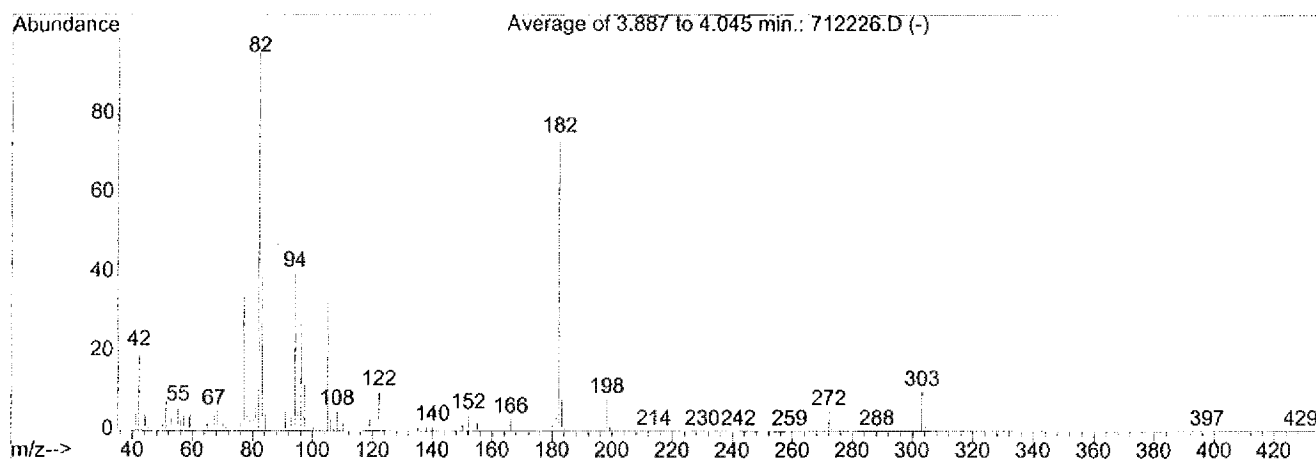
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File Name       : F:\Q2-2010\SYSTEM4\04_21_10\712226.D
Operator        : DJR
Date Acquired   : 21 Apr 2010  14:28
Sample Name     : COCAINE STD
Submitted by    :
Vial Number     : 26
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

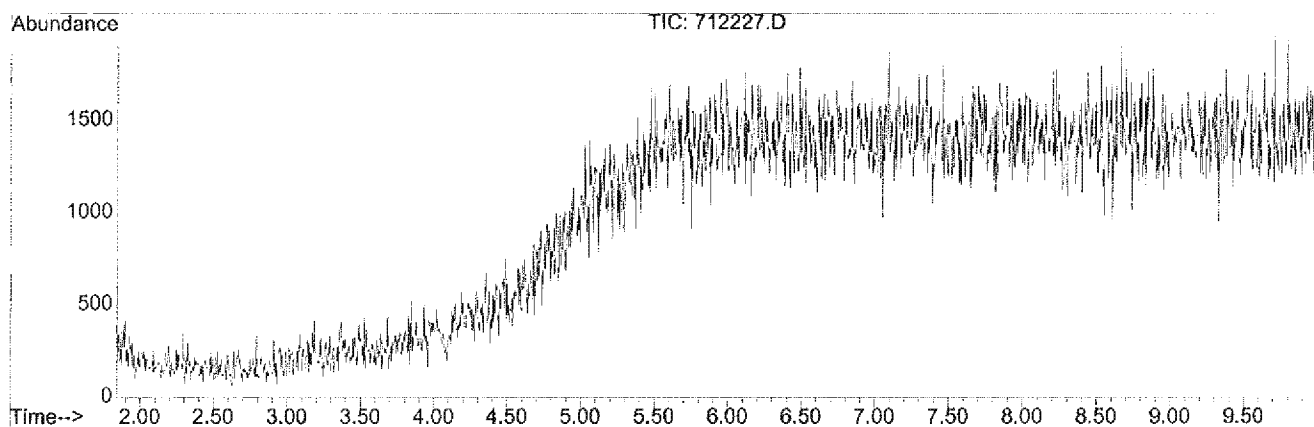
PK#	RT	Library/ID	CAS#	Qual
1	3.91	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\04_21_10\712227.D
Operator : DJR
Date Acquired : 21 Apr 2010 14:42
Sample Name : BLANK
Submitted by : SLF
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



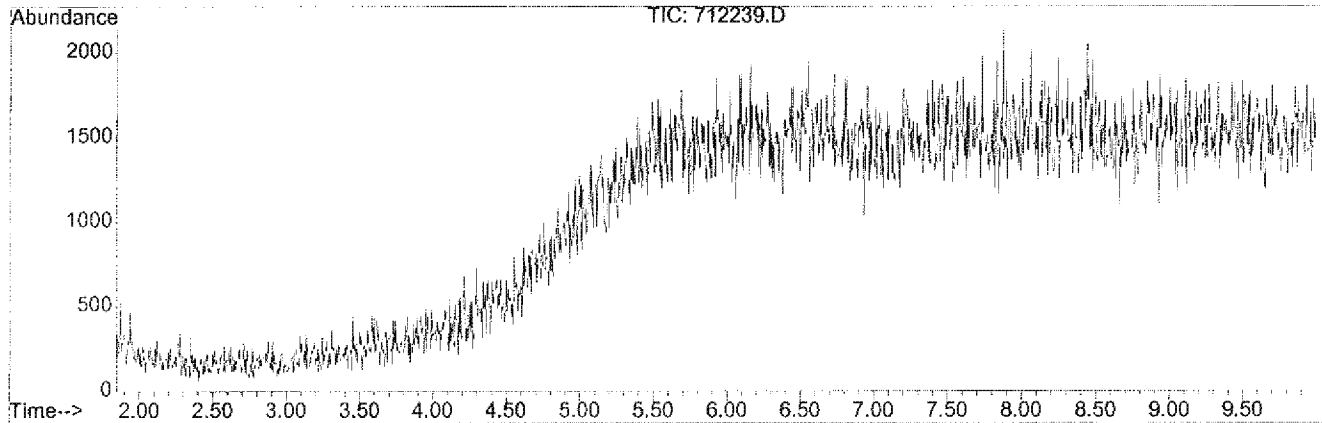
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\04_21_10\712239.D
Operator : DJR
Date Acquired : 21 Apr 2010 17:26
Sample Name : BLANK
Submitted by : SLF
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



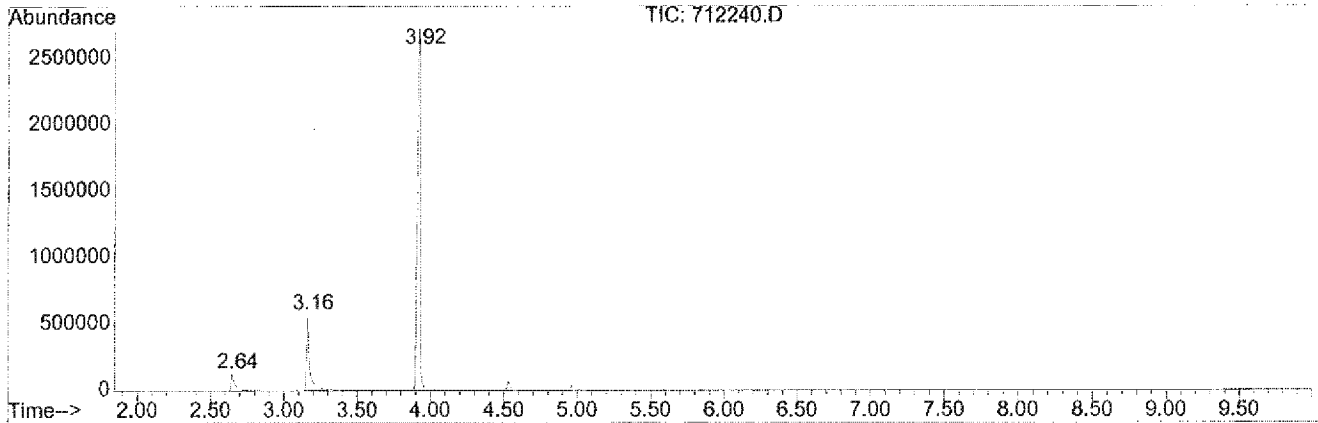
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\04_21_10\712240.D
 Operator : DJR
 Date Acquired : 21 Apr 2010 17:40
 Sample Name : XXXXXXXXXX
 Submitted by : SLF
 Vial Number : 40
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.645	222805	4.49	5.67
3.158	811369	16.36	20.67
3.919	3926224	79.15	100.00

Area Percent / Library Search Report

Information from Data File:

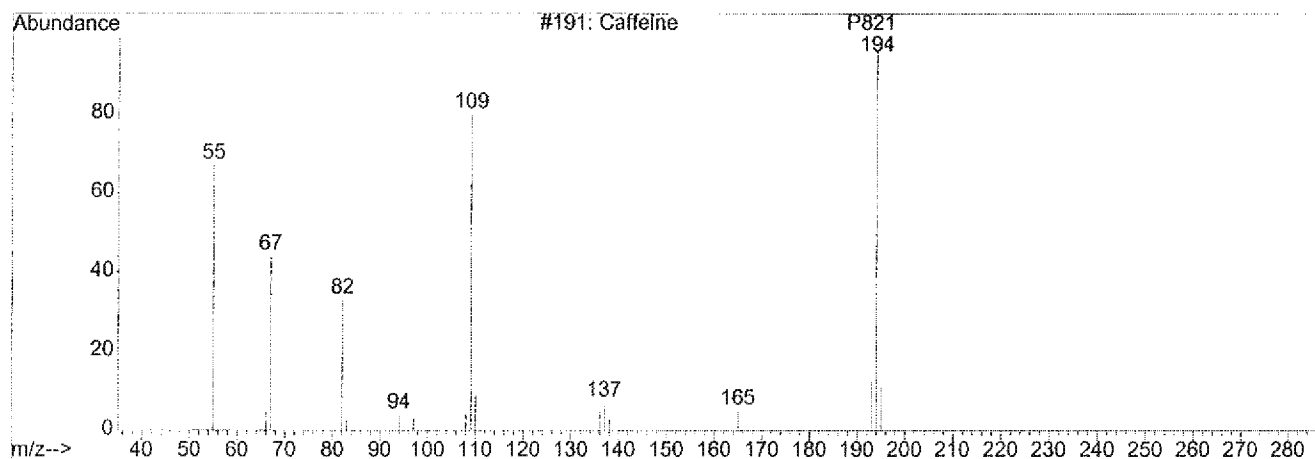
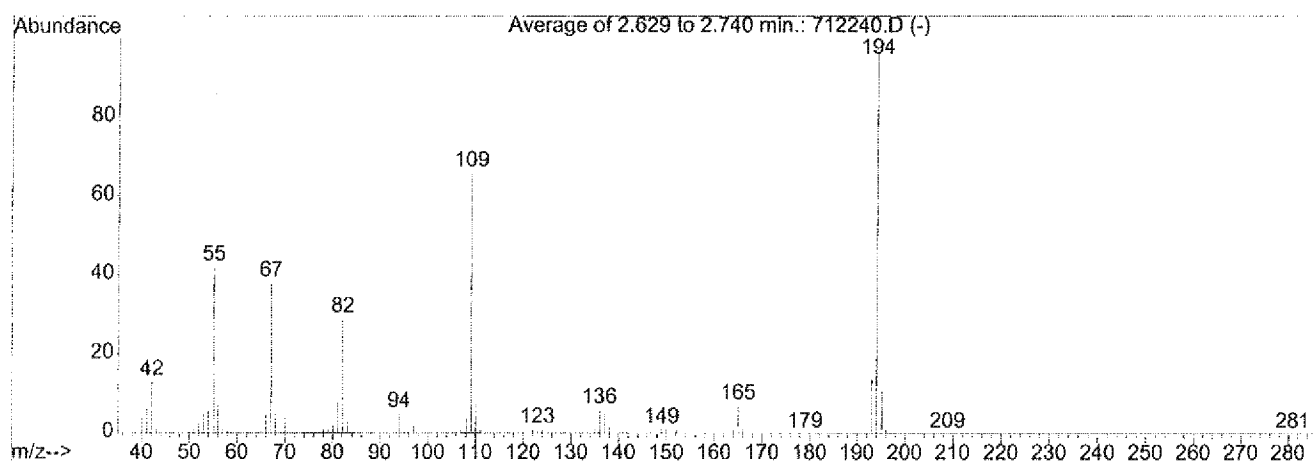
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File Name       : F:\Q2-2010\SYSTEM4\04_21_10\712240.D
Operator        : DJR
Date Acquired   : 21 Apr 2010  17:40
Sample Name     : 
Submitted by    : SLF
Vial Number     : 40
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	2.64	C:\DATABASE\PMW_TOX2.L		
		Caffeine	000058-08-2	97
		Endogenous biomolecule 2AC	000000-00-0	9
		Mescaline AC	000000-00-0	4



Area Percent / Library Search Report

Information from Data File:

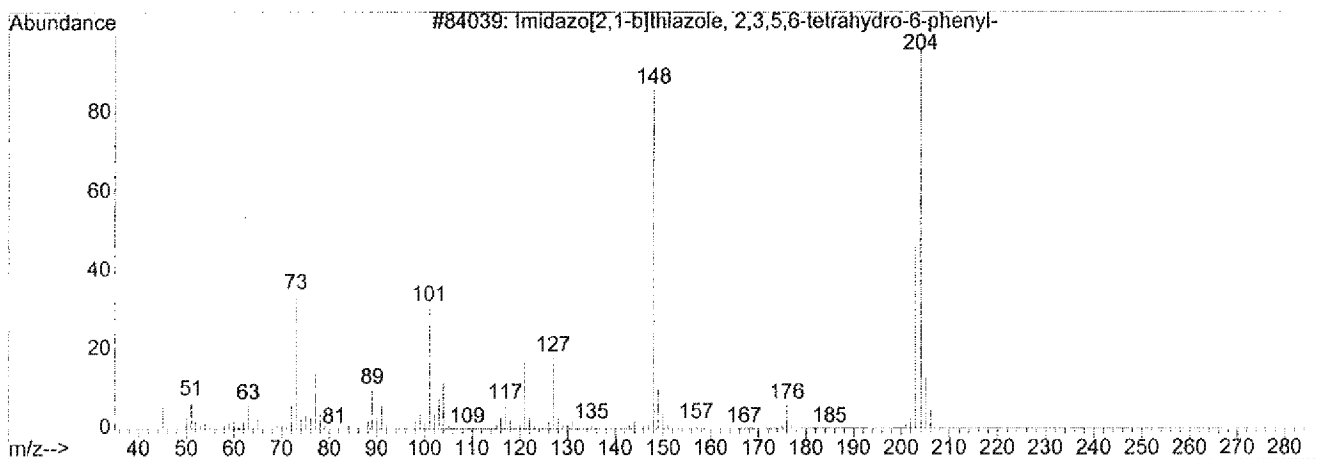
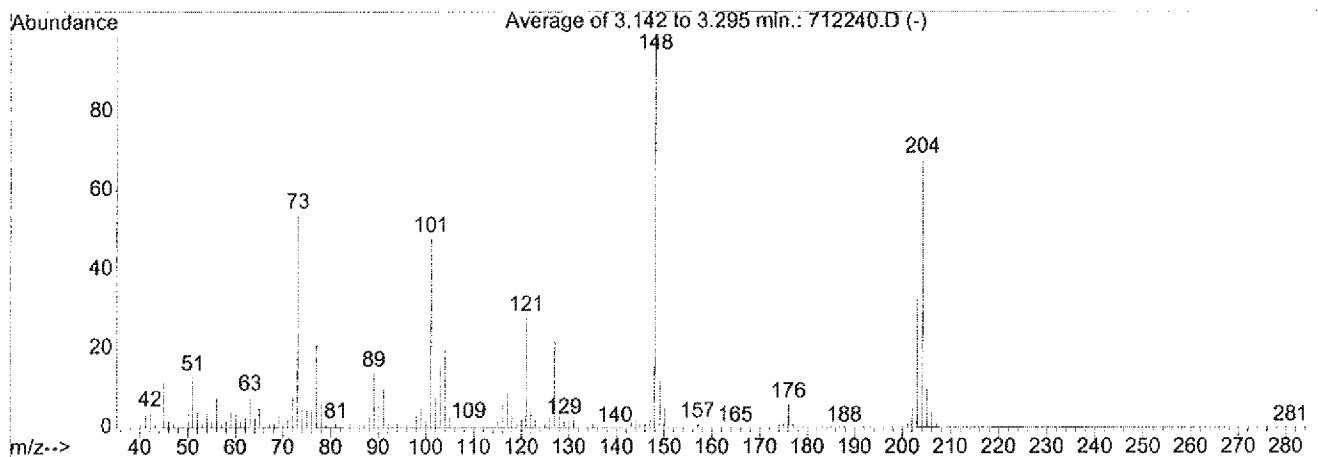
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File Name       : F:\Q2-2010\SYSTEM4\04_21_10\712240.D
Operator        : DJR
Date Acquired   : 21 Apr 2010   17:40
Sample Name     : 
Submitted by    : SLF
Vial Number     : 40
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
2	3.16	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98



Area Percent / Library Search Report

Information from Data File:

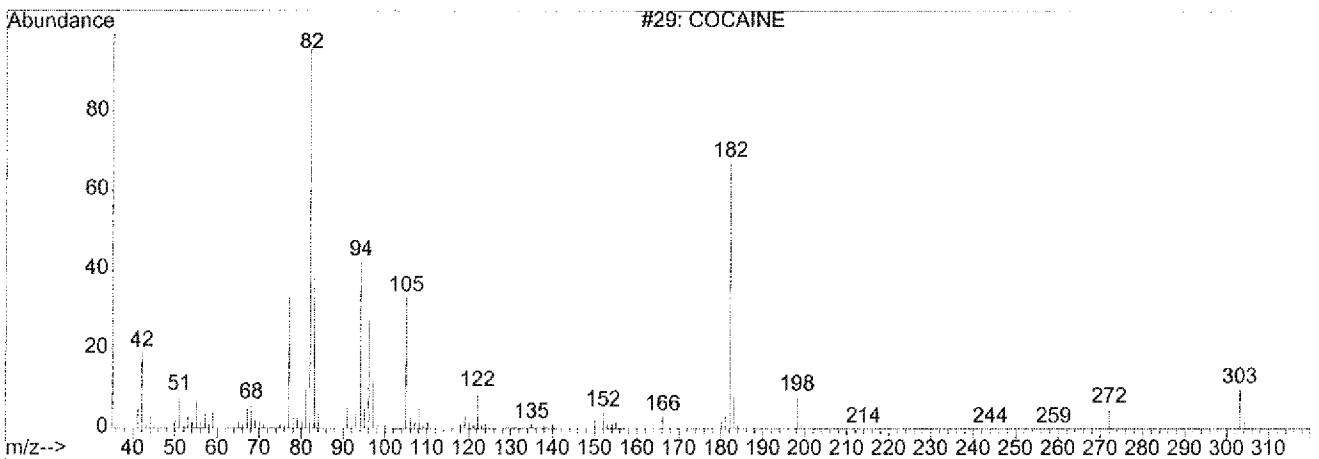
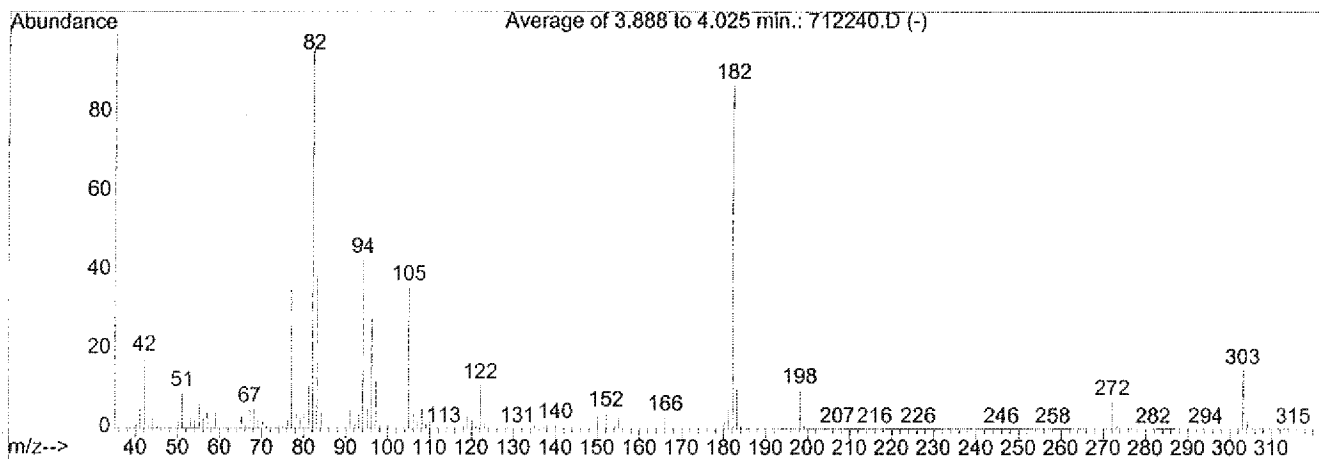
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File Name       : F:\Q2-2010\SYSTEM4\04_21_10\712240.D
Operator        : DJR
Date Acquired   : 21 Apr 2010  17:40
Sample Name     : ██████████
Submitted by    : SLF
Vial Number     : 40
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

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Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

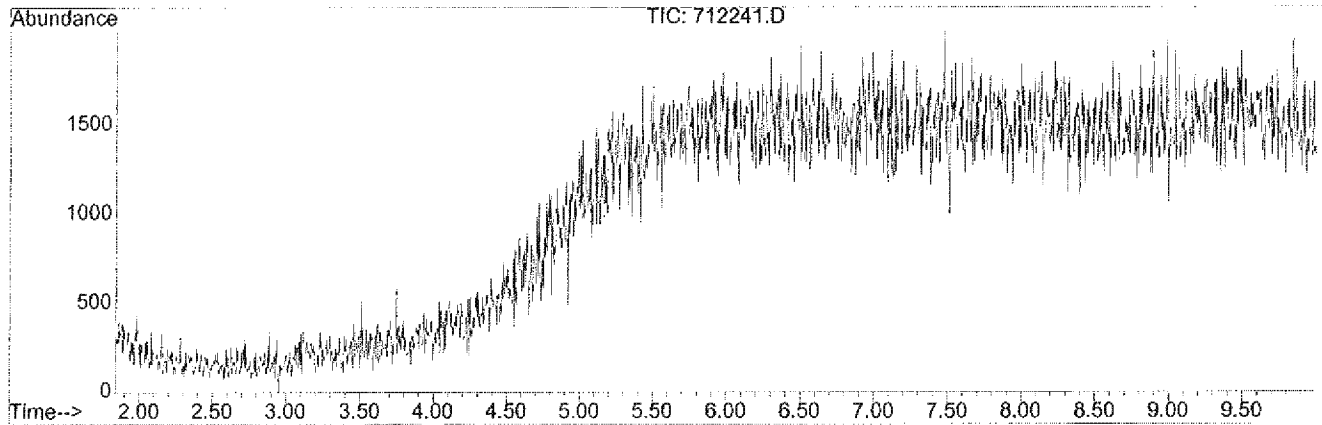
PK#	RT	Library/ID	CAS#	Qual
3	3.92	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\04_21_10\712241.D
Operator : DJR
Date Acquired : 21 Apr 2010 17:54
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



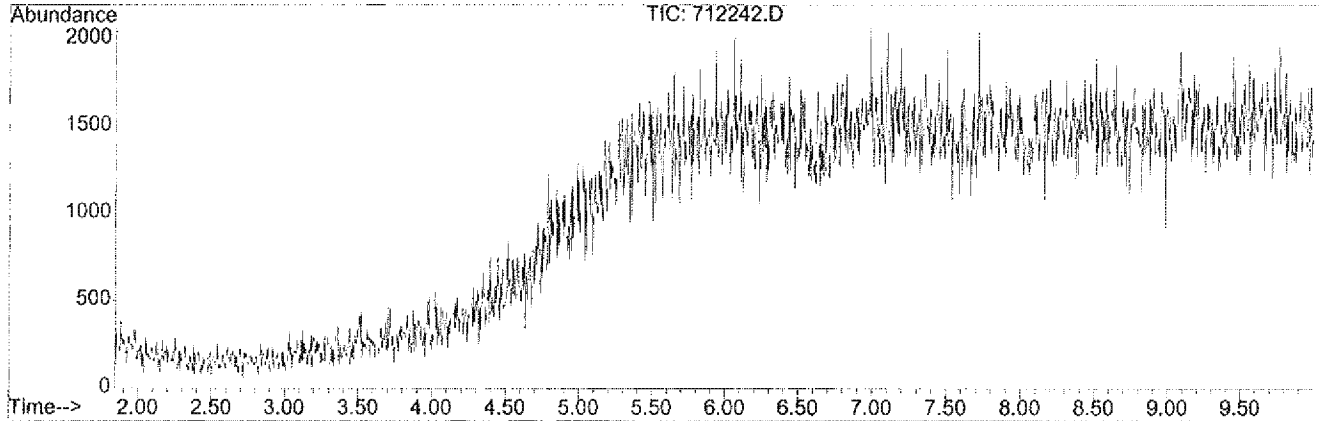
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\04_21_10\712242.D
Operator : DJR
Date Acquired : 21 Apr 2010 18:07
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



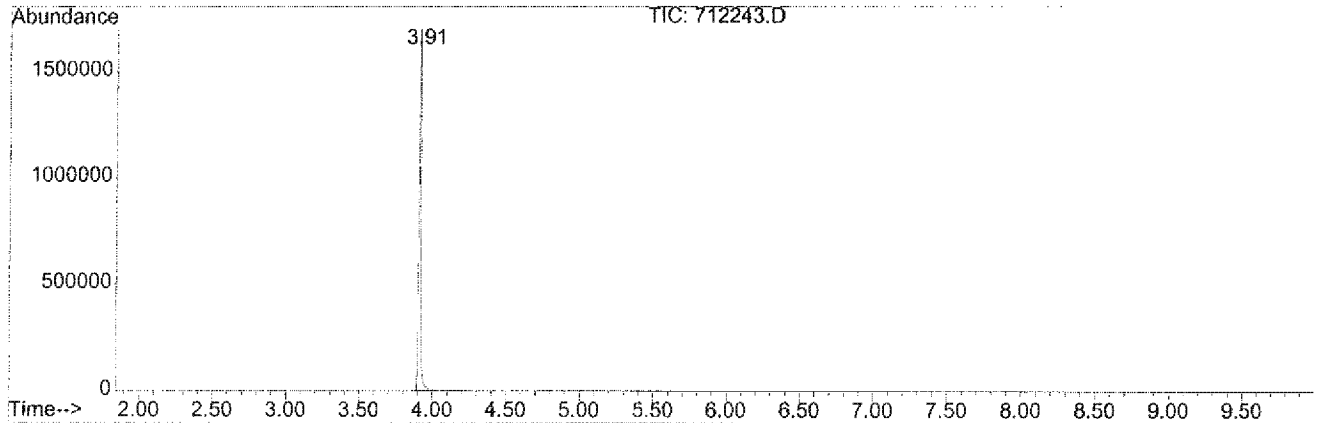
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\04_21_10\712243.D
 Operator : DJR
 Date Acquired : 21 Apr 2010 18:21
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 43
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.911	1649010	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

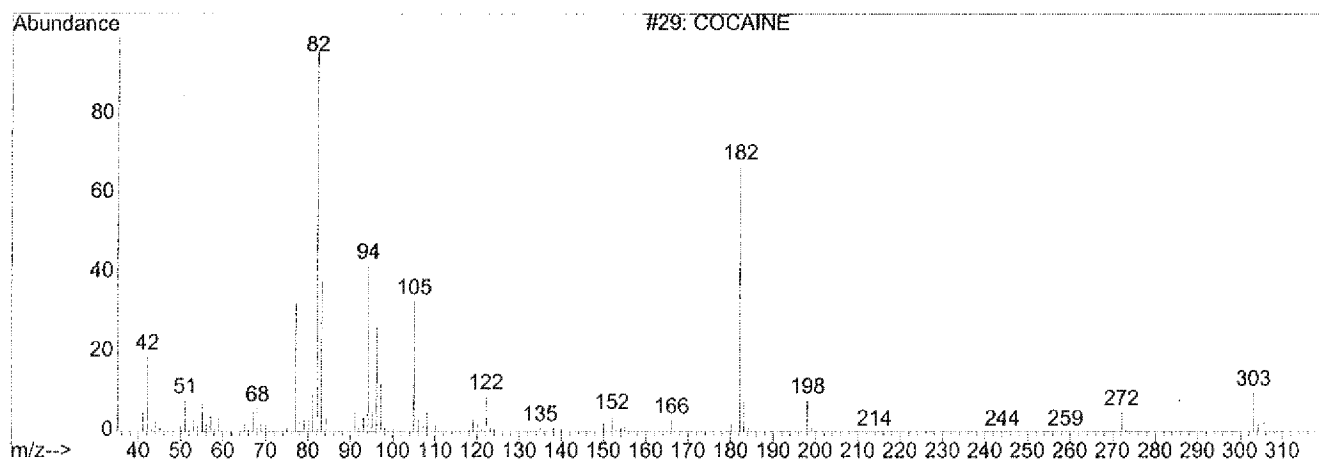
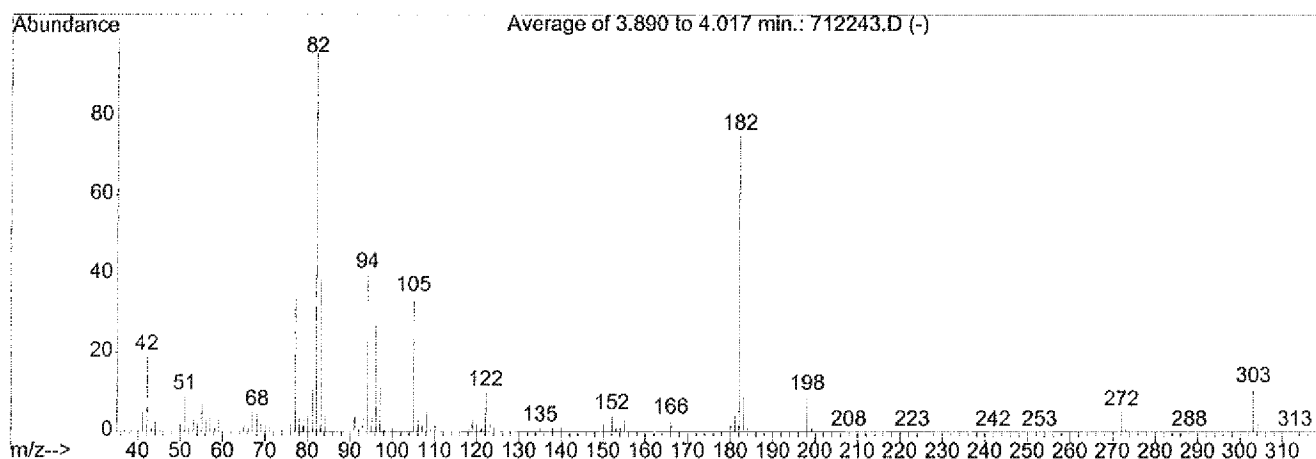
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File Name       : F:\Q2-2010\SYSTEM4\04_21_10\712243.D
Operator        : DJR
Date Acquired   : 21 Apr 2010  18:21
Sample Name     : COCAINE STD
Submitted by    :
Vial Number     : 43
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
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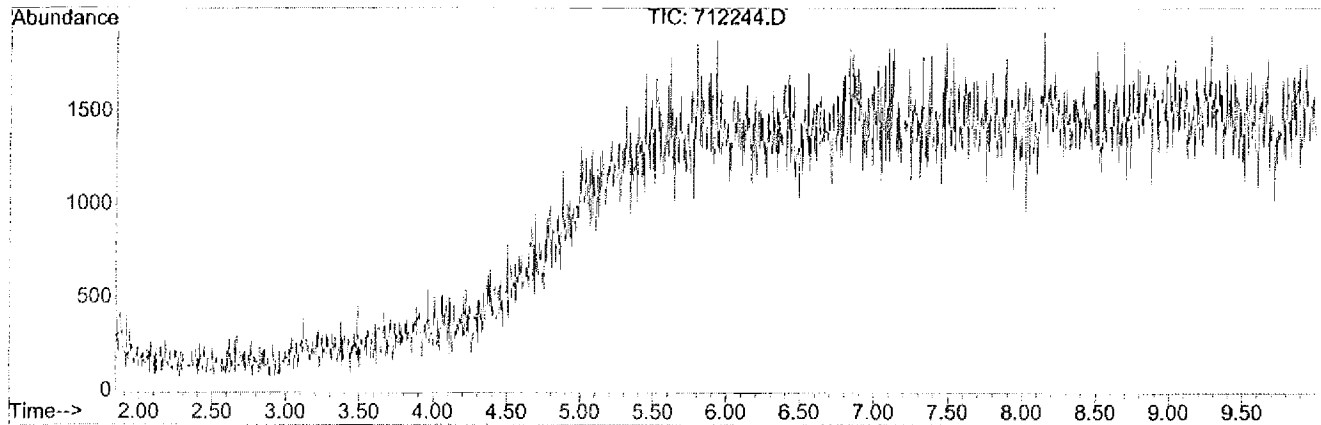
PK#	RT	Library/ID	CAS#	Qual
1	3.91	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\04_21_10\712244.D
Operator : DJR
Date Acquired : 21 Apr 2010 18:35
Sample Name : BLANK
Submitted by : DCS
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS